AUG 1 8 2006

SEQUENCE LISTING

```
Akil, Huda
      Bunney, William E.
      Choudary, Prabhakara V.
      Evans, Simon J.
      Jones, Edward G.
      Li, Jun
      Lopez, Juan F.
      Thompson, Robert C.
      Myers, Richard
      Tomita, Hiroaki
<120> Compositions and Methods for Diagnosing and Treating
      Mood Disorders
<130> 020885-000620US
<140> US 10/701,263
<141> 2003-11-03
<150> US 60/423,247
<151> 2002-11-01
<150> US 60/431,454
<151> 2002-12-06
<160> 1
<170> PatentIn Ver. 2.1
<210> 1
<211> 3106
<212> DNA
<213> Homo sapiens
<223> human fibroblast growth factor receptor 2 (FGFR2)
      (keratinocyte growth factor receptor) cDNA
<220>
<221> CDS
<222> (419)..(2887)
<223> human FGFR2
<400> 1
cccgcgagca aagtttggtg gaggcaacgc aagcctgagt cctttcttcc tctcgttccc 60
caaatccgag ggcagcccgc gggcgtcatg gcgctcctcc gcagcctggg gtacgcgtga 120
agcccgggag gcttggcgcc ggcgaagacc caaggaccac tcttctgcgt ttggagttgc 180
teccegeaac eeegggeteg tegetttete cateeegaee caegegggge eggggacaac 240
acaggtcgcg gaggagcgtt gccattcaag tgactgcagc agcagcgcag cgcctcggtt 300
cctqaqccca ccqcaqctqa aqqcattgcg cgtagtccat gcccgtagag gaagtgtgca 360
gatgggatta acgtccacat ggagatatgg aagaggaccg gggattggta ccgtaaccat 420
ggtcagctgg ggtcgtttca tctgcctggt cgtggtcacc atggcaacct tgtccctggc 480
ccggccctcc ttcagtttag ttgaggatac cacattagag ccagaagagc caccaaccaa 540
ataccaaatc totcaaccag aagtgtacgt ggctgcgcca ggggagtcgc tagaggtgcg 600
ctqcctqttq aaagatgccg ccgtgatcag ttggactaag gatggggtgc acttggggcc 660
caacaataqq acaqtqctta ttggggagta cttgcagata aagggcgcca cacctagaga 720
ctccggcctc tatgcttgta ctgccagtag gactgtagac agtgaaactt ggtacttcat 780
ggtgaatgtc acagatgcca tctcatccgg agatgatgag gatgacaccg atggtgcgga 840
agattttgtc agtgagaaca gtaacaacaa gagagcacca tactggacca acacagaaaa 900
```

gatggaaaag	cggctccatg	ctgtgcctgc	ggccaacact	gtcaagtttc	gctgcccagc	960
cggggggaac	ccaatgccaa	ccatgcggtg	gctgaaaaac	gggaaggagt	ttaagcagga	1020
gcatcgcatt	ggaggctaca	aggtacgaaa	ccagcactgg	agcctcatta	tggaaagtgt	1080
ggtcccatct	gacaagggaa	attatacctg	tgtagtggag	aatgaatacg	ggtccatcaa	1140
tcacacgtac	cacctggatg	ttgtggagcg	atcgcctcac	cggcccatcc	tccaagccgg	1200
actgccggca	aatgcctcca	cagtggtcgg	aggagacgta	gagtttgtct	gcaaggttta	1260
cagtgatgcc	cagccccaca	tccagtggat	caagcacgtg	gaaaagaacg	gcagtaaata	1320
cgggcccgac	gggctgccct	acctcaaggt	tctcaagcac	tcggggataa	atagttccaa	1380
tgcagaagtg	ctggctctgt	tcaatgtgac	cgaggcggat	gctggggaat	atatatgtaa	1440
ggtctccaat	tatatagggc	aggccaacca	gtctgcctgg	ctcactgtcc	tgccaaaaca	1500
gcaagcgcct	ggaagagaaa	aggagattac	agcttcccca	gactacctgg	agatagccat	1560
ttactgcata	ggggtcttct	taatcgcctg	tatggtggta	acagtcatcc	tgtgccgaat	1620
gaagaacacg	accaagaagc	cagacttcag	cagccagccg	gctgtgcaca	agctgaccaa	1680
acgtatcccc	ctgcggagac	aggtaacagt	ttcggctgag	tccagctcct	ccatgaactc	1740
caacaccccg	ctggtgagga	taacaacacg	cctctcttca	acggcagaca	ccccatgct	1800
ggcaggggtc	tccgagtatg	aacttccaga	ggacccaaaa	tgggagtttc	caagagataa	1860
gctgacactg	ggcaagcccc	tgggagaagg	ttgctttggg	caagtggtca	tggcggaagc	1920
agtgggaatt	gacaaagaca	agcccaagga	ggcggtcacc	gtggccgtga	agatgttgaa	1980
agatgatgcc	acagagaaag	acctttctga	tctggtgtca	gagatggaga	tgatgaagat	2040
gattgggaaa	cacaagaata	tcataaatct	tcttggagcc	tgcacacagg	atgggcctct	2100
ctatgtcata	gttgagtatg	cctctaaagg	caacctccga	gaatacctcc	gagcccggag	2160
gccacccggg	atggagtact	cctatgacat	taaccgtgtt	cctgaggagc	agatgacctt	2220
caaggacttg	gtgtcatgca	cctaccagct	ggccagacgg	atggagtact	tggcttccca	2280
aaaatgtatt	catcgagatt	tagcagccag	aaatgttttg	gtaacagaaa	acaatgtgat	2340
gaaaatagca	gactttggac	tcgccagaga	tatcaacaat	atagactatt	acaaaaagac	2400
caccaatggg	cggcttccag	tcaagtggat	ggctccagaa	gccctgtttg	atagagtata	2460
cactcatcag	agtgatgtct	ggtccttcgg	ggtgttaatg	tgggagatct	tcactttagg	2520
gggctcgccc	tacccaggga	ttcccgtgga	ggaacttttt	aagctgctga	aggaaggaca	2580
cagaatggat	aagccagcca	actgcaccaa	cgaactgtac	atgatgatga	gggactgttg	2640
gcatgcagtg	ccctcccaga	gaccaacgtt	caagcagttg	gtagaagact	tggatcgaat	2700
				caacctctcg		
acctagttac	cctgacacaa	gaagttcttg	ttcttcagga	gatgattctg	ttttttctcc	2820
agaccccatg	ccttacgaac	catgccttcc	tcagtatcca	cacataaacg	gcagtgttaa	2880
aacatgaatg	actgtgtctg	cctgtcccca	aacaggacag	cactgggaac	ctagctacac	2940
tgagcaggga	gaccatgcct	cccagagctt	gttgtctcca	cttgtatata	tggatcagag	3000
gagtaaataa	ttggaaaagt	aatcagcata	tgtgtaaaga	tttatacagt	tgaaaacttg	3060
taatcttccc	caggaggaga	agaaggtttc	tggagcagtg	gactgc		3106